

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 4530PTWO-ca	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/053251	International filing date (day/month/year) 03/12/2004	(Earliest) Priority Date (day/month/year) 03/12/2003
Applicant  MILIOR S.P.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053251

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61B5/113 A61B5/0408

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PARADISE R ET AL: "Knitted bioclothes for cardiopulmonary monitoring" PROCEEDINGS OF THE 25TH. ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY. CANCUN, MEXICO, SEPT. 17, vol. VOL. 4 OF 4. CONF. 25, 17 September 2003 (2003-09-17), pages 3720-3723, XP010691633 ISBN: 0-7803-7789-3 page 3720, paragraph bridging column 1 and 2 page 3720, last paragraph figure 2</p> <p>----- -/--</p>	1,3-5, 12-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

02/06/2005

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Knüpling, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/053251

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2005/032447 A (FOSTER-MILLER, INC; TING, JOSEPH; FARRELL, BRIAN; BOWMAN, JEREMY) 14 April 2005 (2005-04-14) page 19, line 3 - line 10 page 25, line 2 - line 13 -----	1,13-15
A	WIJESIRIWARDANA R ET AL: "Resistive fibre-meshed transducers" WEARABLE COMPUTERS, 2003. PROCEEDINGS. SEVENTH IEEE INTERNATIONAL SYMPOSIUM ON 21-23 OCT. 2003, PISCATAWAY, NJ, USA, IEEE, 21 October 2003 (2003-10-21), pages 200-209, XP010673810 ISBN: 0-7695-2034-0 sections 3.1. 'Resistive fibre meshed strain transducer' and 5. 'Applications' -----	1,8-10, 12-16
A	WO 01/01855 A (GEORGIA TECH RESEARCH CORPORATION; JAYARAMAN, SUNDARESAN; PARK, SUNGME) 11 January 2001 (2001-01-11) page 6, line 20 - page 7, line 17 page 13, line 22 - line 24 -----	1-18
A	DE ROSSI D ET AL: "Electroactive fabrics for distributed, conformable and interactive systems" PROCEEDINGS OF IEEE SENSORS 2002. ORLANDO, FL, JUNE 12 - 14, 2002, IEEE INTERNATIONAL CONFERENCE ON SENSORS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 2. CONF. 1, 12 June 2002 (2002-06-12), pages 1608-1613, XP010605363 ISBN: 0-7803-7454-1 section 'Materials and fabric preparation' -----	1,9
A	GB 1 417 394 A (IMPERIAL CHEMICAL INDUSTRIES LTD) 10 December 1975 (1975-12-10) page 5, line 80 - line 93 -----	1,11,16
A	DE 100 05 526 A1 (KLASCHKA GMBH & CO; DR. KOH R GMBH & CO) 30 August 2001 (2001-08-30) column 3, line 48 - column 4, line 6 -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053251

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2005032447	A	14-04-2005	US 2005054941 A1 WO 2005032447 A2	10-03-2005 14-04-2005
WO 0101855	A	11-01-2001	AU 773125 B2 AU 6074500 A CA 2374054 A1 CN 1390109 A EP 1198197 A1 JP 2003507147 T MX PA02000169 A WO 0101855 A1 US 6687523 B1	20-05-2004 22-01-2001 11-01-2001 08-01-2003 24-04-2002 25-02-2003 02-07-2002 11-01-2001 03-02-2004
GB 1417394	A	10-12-1975	AT 336168 B AT 893172 A AU 472348 B2 AU 4787472 A BE 790254 A1 CA 981893 A1 CH 571083 B5 CH 1520572 A DE 2251071 A1 ES 407689 A1 FR 2156767 A1 IT 969669 B JP 48048715 A NL 7214080 A SE 391354 B US 4388370 A ZA 7207356 A	25-04-1977 15-08-1976 20-05-1976 26-04-1974 18-04-1973 20-01-1976 31-12-1975 15-05-1975 26-04-1973 16-01-1976 01-06-1973 10-04-1974 10-07-1973 24-04-1973 14-02-1977 14-06-1983 27-06-1973
DE 10005526	A1	30-08-2001	NONE	